

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2018

Logan County

LOGAN COUNTY, KANSAS | Pop. 2,831

	2014	2015	2016	2017	2018	Kansas 2018
Number of Counties Ranked	98	101	101	102	103	103
Health Outcomes- Rank	93	32	3	4	26	n/a
Length of life- Rank	95	38	11	15	50	n/a
Premature death (Years of Potential Life Lost)	11813	7129	5465	6128		6782
Quality of life- Rank	59	32	2	5	8	n/a
% Reporting poor or fair health*	11	11	11	13	12	15
# Poor physical health days*	3	3	2.8	2.9	2.8	3.1
# Poor mental health days*	3.8	3.8	2.8	2.9	3.1	3.3
% Low birthweight		5.3	4.8	5.1	5.6	7
Health Factors- Rank	40	46	10	9	9	n/a
Health Behaviors- Rank	87	83	21	24	21	n/a
% Adult smokers*	24	24	15	16	15	17
% Obese adults	32	32	32	31	33	32
Food environment index	8.4	7.9	7.5	7.8	7.9	7
% Physically inactive adults	31	28	28	27	27	25
% Access to exercise opportunities	38	76	76	76	76	81
% Excessive drinking*			16	16	16	17
% Driving deaths with alcohol-impairment	80	100	75	50	33	25
Sexually transmitted infection rate					215	395
Teen birth rate	17	18	19	23	25	30
Clinical Care- Rank	48	59	60	40	56	n/a
% Uninsured	17	17	15	14	12	10
Primary care physicians rate	72	72	71	107	106	76
Dentist rate	72	71	72	71	71	57
Mental health provider rate						180
Preventable hospital stays	95	82	98	80	107	51
% Diabetes monitoring	88	83	90	90	90	86
% Mammography screening	58	53	52	56	56	63
Social & Economic Factors- Rank	8	14	3	5	10	n/a
% High school graduation						86
% Population with some college	70	65	63	65	67	69
% Unemployed	3	2.9	2.2	2.5	2.8	4.2
% Children in poverty	14	14	13	13	13	14
Income inequality		5	4	3.7	3.8	4.4
% No social-emotional support						
% Children in single-parent households	20	28	20	18	18	29
Membership associations rate		39.5	35.7	32.2	31.9	13.7
Violent crime rate	223	145	145	143	143	348
Injury death rate		87	87	72		70
Physical Environment- Rank	66	63	54	16	23	n/a
Daily fine particulate matter*	13.1	13.1	13.1	7.1	7.1	8.5
% Exposed to unsafe drinking water	0	0				
Drinking water violations? yes/no			No	No	No	
% Severe housing problems	12	12	12	16	15	14
% Driving alone to work	75	74	75	74	75	82
% Long commute - driving alone	13	13	19	17	17	20

Empty cells: Shaded = Item was not used to calculate rankings that year; White = Data unavailable. NR: Health outcomes (e.g., length of life) or health factors (e.g., health behaviors) were not ranked that year. N/A: State is not ranked against counties.

* Represent substantial changes in data sources or calculation of the measure that would affect year-to-year comparisons. Please refer to the County Health Rankings & Roadmaps to find out more about the indicator changes.

This document was prepared by the staff at the Kansas Health Institute. If you would like more information about County Health Rankings & Roadmaps, please contact Tatiana Lin at (785) 233-5443 or email at tlin@khi.org.



The annual *County Health Rankings* provide a snapshot of the health of Kansas counties. The *Rankings* are made up of two summary scores: **Health Factors** (which measure issues that can shape the health outcomes) and **Health Outcomes** (which measure disease and deaths). The following tables illustrate this county's "drivers," or measures with the greatest impact on a county's ranking position.

What do these drivers mean?

The drivers indicate the measures with the greatest impact on a county's ranking position. Drivers labeled with a green plus sign are measures on which the county performed particularly well. Drivers labeled with a red minus sign indicate priority areas which, if improved, could have the greatest impact on improving the county's rankings.

Health Factors: Drivers with greatest impact on ranking, Logan County, KS – 2018

	Measure	Description	Factor Category	County Value	State Value	Impact on Ranking
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work	Social and Economic Environment	2.8%	4.2%	+
2	Adult smoking	Percentage of adults who are current smokers	Health Behaviors	15%	17%	+
3	Preventable hospital stays	Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	Clinical Care	107	51	-
4	Children in poverty	Percentage of children under age 18 in poverty	Social and Economic Environment	13%	14%	+
5	Primary care physicians	Ratio of population to primary care physicians	Clinical Care	106	76	+

Health Outcomes: Drivers with greatest impact on ranking, Logan County, KS – 2018

	Measure	Description	Factor Category	County Value	State Value	Impact on Ranking
1	Low birthweight	Percentage of live births with low birthweight (< 2500 grams)	Quality of Life	5.6%	7%	+
2	Poor physical health days	Average number of physically unhealthy days reported in past 30 days (age-adjusted)	Quality of Life	2.8	3.1	+
3	Poor or fair health	Percentage of adults reporting fair or poor health (age-adjusted)	Quality of Life	12%	15%	+
4	Poor mental health days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted)	Quality of Life	3.1	3.3	+
5	Premature death	Years of potential life lost before age 75 per 100,000 population (age-adjusted)	Length of Life		6782	NR

NR: Measure (e.g., premature death) could not be reported for this county.

+ Green Plus: Measure with a positive impact on a county's ranking position.

- Red Minus: Measure with a negative impact on a county's ranking position.

Technical Note: The state values are only provided as a point of reference. They have not been used in the determination of counties' rankings or top drivers for health outcomes and health factors. For more information on the calculation of score and rankings please visit: <http://bit.ly/CHRzscores>.